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(54) Title (EN): DRYER, DRYING METHOD AND DRYING PLANT

(54) Title (FR): SECHOIR, PROCEDE DE SECHAGE ET INSTALLATION DE SECHAGE

(57) Abstract:

(EN): The invention provides a dryer for drying particulate material, comprising at least one substantially vertical elongate container having an upper inlet (56a, 56b) for receiving a charge of moisture containing particulate material; a lower outlet (22) for discharging dried particulate material, whereby said particulate material travels under the influence of gravity from said inlet to said outlet; at least one substantially vertical gas permeable wall (20a, 20b) through which a drying gas can pass to contact said particulate material; said dryer also comprising at least one plenum (48, 50) on an exterior surface of said at least one gas permeable wall, covering ingress (38a) and egress openings within said at least one gas permeable wall.

(FR): L'invention concerne un séchoir destiné à sécher une matière particulaire, et comprenant au moins un récipient allongé sensiblement vertical possédant une entrée supérieure (56a), 56b destinée à recevoir une charge de matière particulaire contenant de l'eau, une sortie inférieure (22) destinée à évacuer la matière particulaire séchée, cette matière particulaire se déplaçant sous l'action de la pesanteur depuis l'entrée jusqu'à la sortie, et au moins une paroi perméable au gaz sensiblement verticale (20a, 20b) à travers laquelle un gaz de séchage peut passer de sorte à venir au contact de la matière particulaire. Ledit séchoir comprend également au moins un plénum (48, 50) situé sur une surface extérieure de cette paroi perméable au gaz et recouvrant des ouvertures d'entrée (38a) et de sortie formées dans ladite paroi perméable au gaz.

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